



JAB AND GAB IMMUNIZATION NEWSLETTER

Volume 6, Issue 3

Wyoming Department of Health, Community and Public Health Division, Immunization Section

December, 2010



Annual Provider Site Visits

By Kathy Gaines, BA, Quality & Compliance Specialist

The WyVIP Outreach Program conducts site visits in public and private VFC provider settings to assure vaccine accountability and appropriate vaccine storage and handling is being met. What is involved in this visit?

Preparation:

WyVIP identifies strengths and opportunities for improvement related to administration of appropriate vaccines to eligible patients according to the Advisory Committee on Immunization Practices (ACIP) recommended schedule. Currently WyVIP is looking at the 2 year old birth patients immunization coverage rates for dosing of 4:3:1:3:3:1:4 (DTaP, IPV, MMR, HIB, HepB, Varicella, Pneumococcal) with the 4- day grace period (reference Volume 6, Issue 2). In addition, WyVIP identifies trends by reviewing previous site visit information, cold chain incidents and doses shipped reports.

Assessment:

The Comprehensive Clinic Assessment Software Application (CoCASA) is a CDC software tool for assessing the providers' immunization coverage rates. CoCASA has data entry and import capabilities where immunization data is either downloaded from the Registry into CoCASA or if the provider is not a Registry user, immunization records are directly entered into CoCASA (or the WyIR). Data analysis can pinpoint the provider's strengths and areas needing

improvement. Reports are generated from CoCASA for review and discussion with the provider such as: invalid dosing and missed opportunities.

Continuous Quality Improvement:

The VFC (Vaccine for Children) Site Visit Questionnaire developed by CDC is utilized on the annual site visit to evaluate compliance with the requirements of the VFC program, specifically, storage and handling procedures. The questionnaire includes optional questions to open a dialogue between the provider and the WyVIP Specialist such as: immunization processes, documentation, education and community outreach.

Education:

The annual site visit emphasizes education as a

means to assist in the provider's efforts to increase their immunization coverage rates. The WyVIP Specialist will provide on-site technical assistance with storage and handling procedures, Reminder Recall training on the Registry to capture those missed opportunities, resource education handouts and navigation of the immunization section's web page: www.immunizewyoming.com

Outcomes:

The annual site visit is completed with a Site Visit Closure Letter summarizing findings, strengths, review of last year's goals and developing next year's goals. It is also the goal of the site visit to provide recommendations to improve efficiencies of vaccine operations. The WyVIP Specialist will follow-up on any recommended corrective actions. An Immunization Site Visit Evaluation is given to the provider. This is the provider's opportunity to give anonymous feedback to the program, respond to challenges, needs and to offer suggestions for improvement.

WyVIP appreciates and thanks providers for all that they do.



Don't Forget to Mark your Calendars for the Immunization Teleconference Dates for 2011 (For ALL WyVIP Providers):

Telephone Number:
877-278-8686

Passcode/Participant ID: 309491

Time: 12:15 p.m.

- January 19, 2011
- March 16, 2011
- May 18, 2011
- *July 20, 2011: This will probably be rescheduled as this is in conflict with the Pink Book Training dates in Cheyenne)
- September 21, 2011

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Temperature Recording Guidelines

By LaChel May, Provider Relations Administrative Assistant

The Immunization Section would like to remind WyVIP providers about temperature recording guidelines. Temperatures on all units with WyVIP inventory must be read from a thermometer approved by the Immunization Section and recorded twice daily. Temperatures should be recorded once in the morning and once in the afternoon, with staff initials and the time of the recording indicated.

Temperatures should be recorded in Celsius and must be recorded five days per week (on all business days), with the exception of the following, state-designated holidays: New Year's Day, Wyoming Equality Day, President's Day,

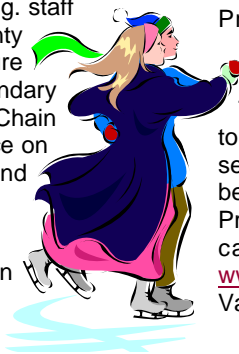
Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Alternative arrangements should be made for temperature recording or monitoring on business days, other than holidays, when the office is closed (e.g. staff vacations, local or county holidays). Please make sure both the primary and secondary contacts review the Cold Chain Policy for additional guidance on temperature requirements and monitoring for vaccines.

If a temperature has been

recorded out of range, it is imperative that the Immunization Section staff is notified immediately. This is done to ensure the viability of the vaccine and to prevent children from needing re-vaccination due to administration of an invalid dose. Public Providers should contact Diana Martin at (307) 789-2665. Private Providers should contact Joanna Briggs at (307) 673-8930.

Temperature logs must be submitted to the Immunization Section by the second business day of each month to be in compliance with the WyVIP Program. Vaccine Temperature Logs can be found at our website, www.immunizewyoming.com under the Vaccine Program link.



Staff Training

By Joanna Briggs, RN, Clinical Quality/Compliance Coordinator

If WyVIP providers are new to the immunization field and looking for "how-to" information about providing vaccinations in a clinic or non-traditional setting, IAC's 'Providing Vaccination Services' web section provides one-stop access to excellent vaccination resources from IAC, CDC, and the California Department of Public Health and

the Vaccine Education Center at Children's Hospital of Philadelphia.

The website offers visitors a collection of essential vaccination resources such as immunization site maps, staff education and training materials, vaccination procedures, vaccine management tool kits, official vaccine recommendations, and more.

To access these free resources, Visit <http://www.immunize.org/providing-vaccinations>



Sharp Shooter Award Information

The "Sharp Shooter Award" is awarded to a WyVIP provider to recognize excellence and/or innovation demonstrated through an outstanding project or initiative focused on improving immunization outcomes.

Eligible Candidates: Recipients of the Wyoming Immunization Section's "Sharp Shooter Award" must be currently enrolled in the WyVIP program, although

applications submitted by providers for interventions implemented in conjunction with other partners will be considered.

Award Application Procedures: To apply for a "Sharp Shooter Award," WyVIP providers must complete an award application, please see: www.immunizewyoming.com by clicking on the Vaccine Program link's Other Information Section. Award applications will be reviewed by WyVIP staff.

CONGRATULATIONS to the Previous Sharp Shooter Award Winners:

- Evanston Pediatrics (Evanston)
- UW Student Health (Laramie)
- Cheyenne-Laramie County Health Department (Cheyenne)
- Washakie County Public Health (Worland)



Flu Season 2010—2011

By Karoleigh Cassel, Administrative Specialist

Now that flu season has started, providers are reminded that they can still order flu vaccine, by sending in a Flu Vaccine Request Form to WyVIP. This form can be downloaded from www.immunizewyoming.com.

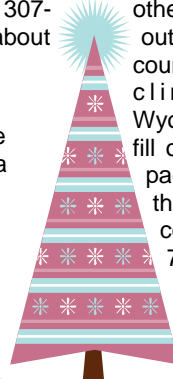
WyVIP is out of stock on single-dose preservative-free .50; still have a lot of FluMist and multi-dose vials and .25 doses. WyVIP has 4,000 doses of the Afluria (for 9 years and older) single dose preservative-free flu vaccine that is available.

Providers can contact LaChel May at 307-777-8503 or Lisa Wordeman at 307-777-2413 with any questions about ordering flu or other vaccines.

The Immunization Section web site www.immunizewyoming.com has a dedicated web page for the 2010-2011 Flu Season:

http://www.health.wyo.gov/familyhealth/immunization/FLUSEASON_2010to2011.html.

On the Flu web page are the



Vaccine Information Statements and other information to download and print out. There is also a clickable map by county that shows where upcoming flu clinics are being held in Wyoming. Providers are encouraged to fill out the form located on the flu web page to have their clinics posted on the web site. Providers are asked to contact Karoleigh Cassel at 307-777-7952 if they have any problems downloading the web site registration form. The flu clinic sign-up form will also be included as an insert with this newsletter.



Maintaining Temperatures with Medical Grade Storage Units

By Joanna Briggs, RN, Clinical Quality/Compliance Coordinator

ADJUSTMENT OF REFRIGERATOR OR FREEZERS

WyVIP has recently learned about a 'medical grade' refrigerator/freezer combination unit that could not stabilize the temperatures. According to a refrigerator company's engineer, adjustment of the dials need to be done only once between defrost cycles.

The defrost cycle "sets" the thermostat to the new temperature. Each unit has its own defrost cycle timing that occurs between 6 and 24 hours. Since providers may not know what the defrost cycle is, do not to touch a dial for 24 hours once an adjustment is made.

MEDICAL GRADE REFRIGERATORS OR FREEZERS

The units are equipped with monitor probes to run the LED. There is a putty filled opening to the refrigerator or freezer compartment. Providers are required to use a second type of thermometer (Streck or Fisher) that has a cord entering through the door seal.

The Streck or Fisher cords need to run through the opening in the back to avoid air loss. The putty is pliable and should be removed and replaced once the cord for the second thermometer is placed. Medical grade units should never have a break in the seals.

POWER FAILURE EXPERIENCES

WyVIP would like to remind providers that it is wise to unplug units for 20 minutes and reconnect if a power failure (long or short) occurs. This information is also recommended and is documented in the newer medical grade models instruction manuals. This recommendation would also applies to brown outs, lights flash, etc. as you may have experienced a power surge. When one of these interruptions have occurred WyVIP has found that the refrigerator/freezer appears to work but not to its fullest capacity and temperatures start to vary. Should providers have any questions, they should not hesitate in contacting WyVIP.

Ensuring HIPAA Compliance:

Remember that if you have a question about a particular patient's immunization history, schedule, interval, valid doses, etc. and you are on the Registry, do not send the patient's name or date of birth in an e-mail to the Immunization Program, rather use their unique registry ID number (SIIS).



NEW VIS for Rotavirus: 12/06/10

Be sure to update your Rotavirus Vaccine Information Statements.



**Department of Health, Community and
Public Health Division, Immunization**

6101 Yellowstone Road, Suite 420
Cheyenne, WY 82002

Phone: 307-777-7952
Fax: 307-777-3615
E-mail: immunizewyoming.com



CDC PINK BOOK TRAINING REMINDER: Save the Date



The State of Wyoming Immunization Program is hosting the CDC sponsored 'Epidemiology and Prevention of Vaccine –Preventable Diseases' Training in Cheyenne on July 19—20, 2011 at the Little America Hotel.

This is a extraordinary training immunization providers will definitely not want to miss.

Details regarding the cost and registration information will be coming soon!

MAKE EVERY DOSE COUNT!

The *Average Cost of VFC vaccines for a child/adolescent to receive the series of the suggested vaccines by ACIP:

\$1,578.68

- Influenza = \$10.61 (1 Dose)
- TDaP = \$28.54 (1 Dose)
- Hib = \$29.01 (3 Doses)
- Hepatitis B = \$30.75 (3 Doses)
- Polio = \$46.96 (4 Doses)
- DTaP = \$69.40 (5 Doses)
- Meningococcal = \$79.75 (1 Dose)
- Hepatitis A = \$89.00 (2 Doses)
- Varicella = \$134.61 (2 Doses)
- MMR = \$171.44 (2 Doses)
- Rotavirus = \$214.41 (3 Doses)
- HPV = \$307.20 (3 Doses)
- Pneumococcal = \$367.00 (4 Doses)



** Average Costs were determined by the CDC Vaccine price list as of 11/19/10, by averaging the CDC cost for all vaccine brands.*

Did you Know?

1. Which four countries have not yet successfully controlled transmission of polio virus through vaccination?
Afghanistan, India, Nigeria, and Pakistan.

2. Antigens are the parts of vaccines that cause an immune response. Who do you think received more antigens from vaccines: children in the 1940s or children today?

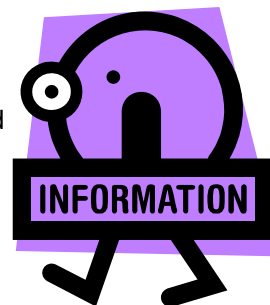
Although children in the 1940s only received vaccines to prevent four diseases, they got about 3,200 antigens whereas today's children receive vaccines to prevent 14 diseases but only get about 156 antigens. Scientific understanding of immunology and technological advances in the laboratory have allowed scientists and manufacturers to make vaccines that are more purified and contain fewer antigens while still affording immune protection.

3. What two vaccines prevent forms of cancer?

The two vaccines that prevent cancers are hepatitis B and human papillomavirus (HPV) vaccines. Hepatitis B is a common cause of liver cancer. HPV is a common cause of cervical cancer as well as cancers of other reproductive organs and on occasion, the head and neck region.

4. Which disease is known to be more commonly spread from adults to children as compared with the usual direction of transmission from children to adults?

Pertussis is spread more commonly from adults to children.



Information is re-printed from The Children's Hospital of Philadelphia, Parents PACK Vaccine Trivia Corner.

[http://www.chop.edu/service/parents-possessing-accessing-communicating-knowledge-about-vaccines/trivia-](http://www.chop.edu/service/parents-possessing-accessing-communicating-knowledge-about-vaccines/trivia-corner.html?utm_source=newsletter&utm_medium=email&utm_term=sharing+chickenpox&utm_content=Trivia+Corner&utm_campaign=vecparentspackdec2010)

[corner.html?utm_source=newsletter&utm_medium=email&utm_term=sharing+chickenpox&utm_content=Trivia+Corner&utm_campaign=vecparentspackdec2010](http://www.chop.edu/service/parents-possessing-accessing-communicating-knowledge-about-vaccines/trivia-corner.html?utm_source=newsletter&utm_medium=email&utm_term=sharing+chickenpox&utm_content=Trivia+Corner&utm_campaign=vecparentspackdec2010)

Vaccines with Diluents: How to Use Them

The eleven vaccines below that are recommended for routine use must be reconstituted prior to administration. Reconstitution means that a lyophilized (freeze-dried) vaccine in one vial must be reconstituted (mixed) with a liquid or “diluent” in another.*

| Vaccine product name | Manufacturer | Lyophilized vaccine (powder) | Liquid diluent (may contain vaccine) | Time allowed between reconstitution and use† |
|-------------------------|-----------------|------------------------------|--|--|
| ActHIB (Hib) | sanofi pasteur | ActHIB | 0.4% sodium chloride | 24 hrs |
| Hiberix (Hib) | GlaxoSmithKline | Hib | 0.9% sodium chloride | 24 hrs |
| M-M-R II (MMR) | Merck | MMR | Sterile water | 8 hrs |
| Menomune (MPSV4) | sanofi pasteur | MPSV4 | Distilled water | 30 min (single-dose vial) 35 days (multi-dose vial) |
| Menveo (MCV4) | Novartis | MenA | MenCWY | 8 hrs |
| Pentacel (DTaP-IPV/Hib) | sanofi pasteur | ActHIB | DTaP-IPV | Immediately‡ |
| ProQuad (MMRV) | Merck | MMRV | Sterile water | 30 min |
| Rotarix (RV1)* | GlaxoSmithKline | RV1 | Sterile water, calcium carbonate, and xanthan* | 24 hrs |
| TriHIBit (DTaP/Hib) | sanofi pasteur | ActHIB | Tripedia (DTaP) | 30 min |
| Varivax (VAR) | Merck | VAR | Sterile water | 30 min |
| Zostavax (ZOS) | Merck | ZOS | Sterile water | 30 min |

Always refer to package inserts for detailed instructions on reconstituting specific vaccines. In general, follow these steps:

- For single-dose vaccine products (exceptions are Menomune in the multi-dose vial and Rotarix*), select a syringe and a needle of proper length to be used for both reconstitution and administration of the vaccine. Following reconstitution, Menomune in a multi-dose vial will require a new needle and syringe for each dose of vaccine to be administered. For Rotarix, see the package insert.*
- Before reconstituting, check labels on both the lyophilized vaccine vial and the diluent to verify the following:
 - that they are the correct two products to mix together
 - that the diluent is the correct volume (especially for Menomune in the multi-dose vial)
 - that both are within their expiration dates
- Reconstitute (i.e., mix) vaccine **just prior to use** by
 - removing the protective caps and wiping each stopper with an alcohol swab
 - inserting needle of syringe into diluent vial and withdrawing entire contents*
 - injecting diluent into lyophilized vaccine vial and rotating or agitating to thoroughly dissolve the lyophilized powder
- Check the appearance of the reconstituted vaccine.
 - Reconstituted vaccine may be used if the color and appearance match the description on the package insert.
 - If there is discoloration, extraneous particulate matter, or obvious lack of resuspension, mark the vial as “DO NOT USE,” return it to proper storage conditions, and contact your state or local health department immunization program or the vaccine manufacturer.
- If reconstituted vaccine is not used immediately or comes in a multi-dose vial (i.e., multi-dose Menomune),
 - clearly mark the vial with the date and time the vaccine was reconstituted
 - maintain the product at 35°–46°F (2°–8°C); do not freeze
 - protect live virus vaccines from light
 - use only within the time indicated on chart above

Note: JE-VAX (a Japanese encephalitis vaccine), YF-VAX (yellow fever vaccine), and Imovax and RabAvert (rabies vaccines) also require reconstitution. Always refer to the package inserts.

* Rotarix vaccine is administered by mouth using the applicator that contains the diluent. It is not administered as an injection. Consult the package insert for detailed instructions.

† If the reconstituted vaccine is not used within this time period, it must be discarded.

‡ Within 30 minutes or less

Brent D. Sherard, M.D., M.P.H., F.A.C.P., Director and State Health Officer

Governor Dave Freudenthal

**2010-2011 FLU VACCINATION CLINIC REGISTRATION FORM**

To post your flu vaccination clinics or extended office hours on the Immunization Section web site (www.immunizewyoming.com), please complete and fax this form to 307-777-3615.

PROVIDER INFORMATION

Provider Name: _____

Address: _____ City/Town: _____

County: _____ Phone: _____

CLINIC INFORMATION

Clinic Date: _____ Clinic Time: _____ County: _____

Clinic Address: _____ City/Town: _____

Contact Name: _____ Contact Phone: _____

Additional Information: _____

CLINIC INFORMATION

Clinic Date: _____ Clinic Time: _____ County: _____

Clinic Address: _____ City/Town: _____

Contact Name: _____ Contact Phone: _____

Additional Information: _____

Relevant Contacts

Immunization Section • Community and Public Health Division • Wyoming Department of Health
 6101 Yellowstone Road, Suite 420
 Cheyenne, Wyoming 82002
Main Line: (307) 777-7952 **Fax:** (307) 777-3615
Web Site: www.immunizewyoming.com

| Name | Title | Phone | Email | Contact For |
|--|---|---|---------------------------------|--|
| Administration | | | | |
| Jan Bloom | Section Chief | 777-6001 | jan.bloom@health.wyo.gov | Section comments, concerns, or complaints |
| Karoleigh Cassel | Immunization Section Administrative Assistant | 777-7621 | karoleigh.cassel@health.wyo.gov | Requesting a transfer to Immunization Section employees Teleconference call information Web site questions or comments Flu clinic web site registration forms and marketing materials |
| Kathy Strang | Vaccine Exemptions Administrative Specialist | 777-7481 | kathy.strang@health.wyo.gov | Immunization exemption processes, including forms and exemption status updates |
| Vaccine Ordering and Distribution | | | | |
| Lisa Wordeman | Vaccine Program Specialist | 777-2413 | lisa.wordeman@health.wyo.gov | WyVIP vaccine program comments or concerns Vaccine supply or availability Storage and handling processing and reporting questions Flu allocations Vaccine order inquiries |
| LaChel May | Provider Relations Administrative Assistant | 777-8503 | lachel.may@health.wyo.gov | Order confirmation faxes for providers Literature/material order requests WyVIP policy and/or enrollment packets requests WyVIP policies and procedures, including reporting requirements and withdrawal from the WyVIP Program |
| Clinical/Outreach | | | | |
| Joanna Briggs, RN | Clinical/Quality & Compliance Coordinator | 673-8930 214-7905 (cell) 673-5368 (fax) | joanna.briggs@health.wyo.gov | VFC/AFIX site visit schedule and questions and visits to select providers ACIP recommended schedules questions WyVIP vaccine formulary questions Vaccine viability questions Questions regarding vaccine type/brand Vaccine Adverse Events Reporting (VAERS) Pandemic Flu vaccine safety issues Adolescent immunization coordination Clinical questions from Private Providers, including Rural Health Clinics |

| Name | Title | Phone | Email | Contact For |
|------------------|--|---------------------------------|-----------------------------|--|
| Diana Martin, RN | Clinical Quality & Compliance Specialist | 307-789-2665 256-4442 (cell) | diana.martin@health.wyo.gov | VFC/AFIX site visit schedule and questions and visits to select providers ACIP recommended schedules questions WyVIP vaccine formulary questions Vaccine viability questions Questions regarding vaccine type/brand Adult immunization coordination Clinical questions from Public Health Nursing (PHN) offices, Federally Qualified Health Centers (FQHC), Indian Health Services (IHS), Hospitals, and School Nurses |
| Kathy Gaines | Quality & Compliance Specialist | 777-6519 421-8810 (cell) | kathy.gaines@health.wyo.gov | VFC/AFIX site visits to select providers 2010 site visit follow-up needs CoCASA training and assistance for providers WylR training WylR helpdesk |

Wyoming Immunization Registry (WylR)

| | | | | |
|---------------|------------------|---|------------------------------|---|
| John Anderson | WylR Coordinator | 800-599-9754 777-5773 631-0202 (cell) | john.anderson@health.wyo.gov | WylR enrollment WylR helpdesk, including system issues, password resets, and add/remove users WylR policy questions |
|---------------|------------------|---|------------------------------|---|

Public Health Nursing

| | | | | |
|------------------|------------------------------|----------|------------------------------|--|
| Tom Henry, RN | PHN State Program Consultant | 347-3001 | tom.henry@health.wyo.gov | Public Health Response Coordination |
| Jodye Wilmes, RN | PHN State Program Consultant | 777-7383 | jodye.wilmes1@health.wyo.gov | Adult immunization questions for PHN offices |

Wyoming Office of Healthcare Financing / EqualityCare (Medicaid)

| | | | | |
|-------------|---------------------------|----------|----------------------------|--|
| Sheree Nall | Provider Services Manager | 777-8756 | sheree.nall@health.wyo.gov | Medicaid billing questions CPT coding |
|-------------|---------------------------|----------|----------------------------|--|

Vaccine Manufacturers

| | | | | |
|------------------------|----------------|--------------|--|--|
| GlaxoSmithKline | John Gilpin | 307-251-9388 | john.w.gilpin@gsk.com | www.gsk.com |
| Merck | Kathy Parrish | 303-973-1615 | kathy_parrish@merck.com | www.merck.com |
| Sanofi Pasteur | Frank John | 719-338-3757 | frank.john@sanofipasteur.com | www.sanofipasteur.com |
| Pfizer/Wyeth | Drew Gess | 303-250-0264 | gessa@wyeth.com | www.wyeth.com |
| MedImmune | Damian King | 505-250-4143 | kingd@medimmune.com | www.medimmune.com |
| Novartis | Todd Schroeder | 425-877-8638 | todd.schroeder@novartis.com | www.novartis.com |